

Amendments to the Claims

Claim 1 (Currently Amended) A signal transmitter based on digital visual interface (DVI) standard for connection to a signal receiver based on the DVI standard, the signal transmitter comprising:

a time-base compression part operable to time-base-compress an audio signal employing a video sampling clock;

a signal multiplexing part operable to multiplex the time-base-compressed audio signal and a video signal by employing a control signal, and output a video/audio multiplexed signal and the control signal to the signal receiver,

wherein the control signal, employed by said signal multiplexing part to multiplex the time-based-compressed audio signal and the video signal, indicates an area of a synchronizing period of the video signal where the time-based-compressed audio data is located in the generated video/audio multiplexed signal.

Claims 2-10 (Canceled)

Claim 11 (Previously Presented) The signal transmitter as claimed in claim 1, wherein the control signal includes a horizontal synchronizing signal and a vertical synchronizing signal.

Claim 12 (Previously Presented) The signal transmitter as claimed in claim 1, wherein the signal multiplexing part is operable to multiplex the time-base-compressed audio signal and the video signal when the control signal is a certain value.